

PATENT

Docket No. IL-10781B

Commissioner for Patents  
Alexandria, VA 22313-1450

**NEW APPLICATION TRANSMITTAL**

Transmitted herewith for filing is the patent application of Inventor(s):  
**Alexander E. Gash, Joe H. Satcher, Randall L. Simpson**

For (title): **INORGANIC METAL OXIDE/ORGANIC POLYMER  
NANOCOMPOSITES AND METHOD THEREOF**

19559 U.S. PTO  
10/626098  
07/23/03

**1. Type of Application**

- ☐ This new application is for an original patent.
- ☒ This new application is a:
  - ☒ Division
  - ☐ Continuation
  - ☐ Continuation-in-part (CIP)

**2. Benefit of Prior U.S. Application(s) (35 USC 120)**

- ☒ The new application being transmitted claims the benefit of prior U.S. application(s). 10/186,468 filed 6/28/2002
  - ☒ Group/Art Unit: 1713
  - ☒ Examiner of Prior Application: Hu, Henry S

**3. ☐ Benefit under 35 U.S.C. 119(e) of United States provisional application(s) listed below:**

Application Serial No.	Filing Date

**4. Papers enclosed which are required for filing Date Under 37 CFR 1.53(b).**

23 Pages of specification, including  
Claims, Abstract and Title Page  
3 Sheets of formal drawings

**5. Additional papers enclosed**

- ☐ Preliminary Amendment
- ☒ Express Mail Certificate
- ☒ Return Postcard

6. Declaration or oath

- ☒ Copy from a Prior Application enclosed and executed by
  - ☒ Inventors
  - ☐ legal representative of inventor(s) 37 CFR 1.42 or 1.43
- ☐ Not Enclosed

7. Assignment

- ☐ An assignment of the invention to The Regents of the University of California.
  - ☐ is attached
  - ☐ will follow
  - ☒ Previously filed

8. Certified Copy

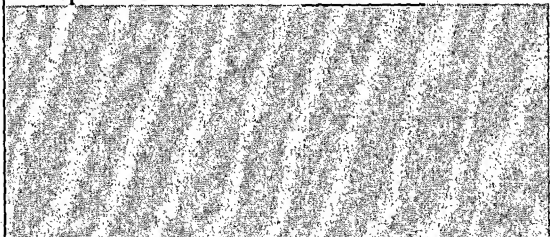
Certified copy(ies) of application(s)

(country)	(application no.)	(filed)
(country)	(application no.)	(filed)

from which priority is claimed

- ☐ is(are) attached.
- ☐ will follow

9. Fee Calculation

CLAIMS AS FILED					
Type of Claim	Number Filed	Included in Basic Fee	Number Extra	Rate	Total Fee
Total Claims	16	-20 =	0	x \$18 =	\$ 00.00
Independent Claims	2	-3 =	0	x \$84 =	\$ .00
				Multiple Claims	= \$
				Basic Filing Fee	= \$ 750.00
				Sub-Total	= \$ 750.00
				Small Entity Filing Fee	= \$ 375.00

10. Small Entity Statement(s)

- ☐ Verified Statement that this is a filing by small entity under 37 CFR 1.9 and 1.27 is attached.
- ☒ Copy of Verified Statement that this is a filing by small entity under 37 CFR 1.9 and 1.27 filed in prior application. Status still proper and desired.

11. Fee Payment

- ☐ Not Enclosed
- ☒ Enclosed (See Charge Account Information Below)

Total Basic Filing Fees To Be Paid \$ 375.00

12. Method of Payment of Fees

- ☐ Check in the Amount of \$ \_\_\_\_\_
- ☒ Charge Account No. 12-0695 in the amount of \$ 375.00
- A duplicate of this transmittal is attached.

13. Instructions As To Overpayment/Underpayment

- ☒ credit/charge
- Account No. 12-0695
- ☐ refund

14. Correspondence Address

L.E. Carnahan  
Attorney  
P.O. Box 808, L-703, Livermore, CA 94551  
USA

Tel: (925) 422-6458  
Fax: (925) 422-7273

Reg No.: 47,741

Ann M. Lee  
Ann M. Lee  
ATTORNEY  
P.O. Box 808, L-703  
Livermore, CA 94551

Date: July 22, 2003

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant :	Alexander E. Gash et al	Docket No. :	IL-10781B
Serial No. :		Art Unit :	
Filed :		Examiner :	
For :	Inorganic Metal Oxide/Organic Polymer Nanocomposites and Method Thereof		

Commissioner for Patents  
Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE

"Express Mail" label number EV268203792US

Date of Deposit 7/23/2003

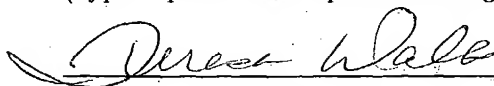
I hereby certify that the following *attached* correspondence comprising:

1. Cover letter dated July 22, 2003 (1 page)
2. New Application Transmittal (original 3 pages and copy)
3. IL-10781B Application (Specification with Title Page, Claims and Abstract (23 pages), Combined Declaration and Power of Attorney (copy) Drawings (3 sheets) (copy)
4. Return Postcard

is being deposited with the United States Postal Service "Express Mail Post Office to addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop: Patent Application- Div. , Commissioner for Patents, Alexandria, VA 22313-1450

Teresa Walls

(Type or print name of person mailing paper)

  
(Signature of person mailing paper or fee)



# Lawrence Livermore National Laboratory

Intellectual Property Law Group  
(925) 422-7273

July 22, 2003

Commissioner for Patents  
Alexandria VA 22313-1450

Re: Divisional Application

"Inorganic Metal Oxide/Organic Polymer Nanocomposites and Method Thereof"  
Alexander E. Gash et al  
Docket No. IL-10781B

Honorable Commissioner for Patents:

Please note that the claims in the attached divisional application correspond to the  
Election/Restriction dated : 4/28/2003 as follows:

<u>Restriction</u> <u>4/28/2003</u>	<u>IL-10781B</u> <u>Divisional Application</u>
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10	1
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Sincerely,

Ann M. Lee  
Assistant Laboratory Counsel

Enclosure: as noted